

**To:** Daly, Eric[Daly.Eric@epa.gov]  
**From:** tcurtin16@aol.com  
**Sent:** Thur 7/7/2016 6:45:38 PM  
**Subject:** Re: Niagara Falls Boulevard Site

Eric, good to talk with you today. I look forward to seeing your data and site history info in the next few days.

We can evaluate if additional sampling is needed, for both the RCRA and Rad isotopes for the Niagara Falls Boulevard and Holy Trinity Cemetery sites. As you are aware the USACE KC contract is a vehicle that is available for your use for both Transportation and or disposal. (I am glad you have David Hays/USACE contact info should you wish to fund this project through the USACE contract.)

Let me know if you want to meet in Edison, NJ in the next few weeks as I am in Wayne, NJ and less than one hour from your office.

Have a safe day.  
Tim Curtin/US Ecology  
973.694.7525  
[tcurtin@usecology.com](mailto:tcurtin@usecology.com)

-----Original Message-----  
From: Daly, Eric <Daly.Eric@epa.gov>  
To: Tim Curtin - US Ecology (Tim.Curtin@usecology.com) <Tim.Curtin@usecology.com>  
Sent: Tue, Jul 5, 2016 1:43 pm  
Subject: Niagara Falls Boulevard Site

Good Afternoon Tim:

I am an On-Scene Coordinator with the USEPA. I have two removal actions in Niagara County, Niagara Falls Boulevard Site and Holy Trinity Cemetery Site. You may be familiar with the name since my contractor, Weston Solutions, contacted you last year. The purpose then was to provide site specific data to you in order to estimate T&D cost. Below is a summary of that information.

*US Ecology operates the disposal site in Idaho, plus a few months ago they acquired the aforementioned subtitle C disposal site in Michigan. US Ecology has been in business for at least 40 years under various names, but the Idaho disposal site for bulk radioactive waste material has been open for about 10 years. The person I spoke with was Tim Curtin (908-419-6685). Based on the concentrations given, Tim recommended that the waste be trucked directly from Niagara Falls to their disposal site near Belleville, MI. He estimated the T&D cost to be \$200 to \$250 per CY. Assuming 13,000 CY of waste, the budgetary estimate is \$2.6 million to \$3.3 million.*

We have started the removal process at Niagara Falls Boulevard Site and soon will be staging excavated material. We are putting out our lab bids and eventually will bid out the T&D. Rick Robinson (USEPA Remedial Project Manager for the Welsbach Site) also mentioned your name as a good person to clarify some information. Any input would be very helpful. Thanks

Should our T&D coordinator run our lab bid by your company and the other companies to ensure your analytical qualifications are met?

Can you provide the Waste Acceptance Criteria for the following radionuclides? Do you have a specific Waste Acceptance Criteria for TENORM (Technologically Enhanced Naturally Occurring Radioactive Materials)? Specifically, depleted Thorium.

Radioisotope
Actinium-228 (Ac-228)
Bismuth-212 (Bi-212)
Bismuth-214 (Bi-214)
Cesium-137 (Cs-137)
Lead-210 (Pb-210)
Lead-212 (Pb-212)
Lead-214 (Pb-214)
Potassium-40 (K-40)
Radium-226* (Ra-226)
Radium-228 (Ra-228)
Thallium-208 (Tl-208)
Thorium-228 (Th-228)
Thorium-230 (Th-230)
Thorium-232 Th-232)
Thorium-234 Th-234)
Uranium-233/234 (U-233/234)
Uranium-235/236 (U-235/236)
Uranium-235 (U-235)
Uranium-238 (U-238)

What is the size specification for waste received? The material that we plan to T&D is soil, rock/slag, asphalt and potentially concrete.

Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately", Benjamin Franklin

Eric M. Daly

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